

PATENT
09/849,022
Docket 091/005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed as the invention is:

1. -36 (Cancelled)

37. (New) A cell population comprising undifferentiated hES cells essentially free of feeder cells, cultured on an extracellular matrix in a medium conditioned by fibroblast feeder cells, wherein the population comprises cells stably transfected so as to express a protein from a heterologous polynucleotide in which an encoding region for the expressed protein is operably linked to a promoter that promotes transcription of the encoding region while the hES cells are undifferentiated and wherein at least 90% of the undifferentiated hES cells have been stably transfected.

38. (New) The cell population of claim 37, wherein said promoter is selected from the EF1 α promoter and the PGK promoter.